Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 21 Aug 2023 until 23:59 on Tuesday 22 Aug 2023

Forecast Issued on Sunday 20 Aug 2023 at 13:29

Confidence: High confidence for more settled conditions in the coming days. Lower confidence for shower and cloud details, especially Wednesday and Thursday.

Headline for Monday 21 Aug 2023: Sunny spells and the odd afternoon shower.

Mountain weather hazards on Monday 21 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG							
Fog	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	<05%	30%	30%	10%	<05%

Forecast for Monday 21 Aug 2023

Weather: Risk of some patchy low cloud covering some hills first thing, especially across the west of the area. Low cloud will quickly lift and break to give plenty of sunny spells for the rest of the day, with perhaps the odd isolated shower in the afternoon.

Chance of cloud-free hill tops above 600m: 60% to start quickly rising to 90% by mid-morning

Low cloud and visibility: Patches of cloud, bases around 500m-600m first thing. Quickly lifting and breaking above all hills from mid-morning. Visibility generally very good, but may become moderate in any showers and will be very poor in any cloud that does cover the hills in the morning.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 21 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/22 SW	15/21 SW	15/20 SW	15/21 SW	18/25 SW	18/27 SW	18/27 SW	19/28 SW	22/32 SW
300	10/17 SW	10/18 SW	8/16 S	13/18 SW	15/23 SW	15/24 SW	13/22 SW	13/21 SW	15/25 SW
Valley	5/16 S	6/18 S	5/15 S	9/17 SW	12/23 SW	11/24 SW	10/23 SW	8/22 SW	9/23 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	11/8	11/8	13/10	16/12	16/12	15/12	13/10	12/9
300	14/12	13/11	13/12	15/13	18/15	18/16	18/16	16/14	15/12
Valley	13/13	12/11	13/12	16/15	19/17	19/17	18/17	16/15	15/14
Freezing Level*	2100m	2500m	2500m	2500m	2500m	2700m	2600m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels expected in sunny conditions so sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 20 Aug 2023	0.2mm	5.8mm	6mm

Forecast for Tuesday 22 Aug 2023

Weather: Some patchy cloud covering the tops likely first thing, but a bright start elsewhere. Cloud across the tops likely lifting and breaking for a time during the morning before becoming cloudy across the area around midday with the risk of the odd shower developing in the afternoon.

Maximum wind: Southwesterly 18-21mph with gusts of 30-35mph.

Chance of cloud-free hill tops above 600m: 40% perhaps rising to 60% for a time mid-morning

Low cloud and visibility: Patchy low cloud with bases around 400-500m first thing will quickly lift and break above summits. Cloudier conditions then developing across the area from around midday with banks of cloud grazing higher hills, perhaps more likely across western areas.

Temperature: **Valleys:** Plus 12C rising to Plus 20C
At 600m: Plus 12C rising to Plus 16C
Freezing level: Above the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.